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(54) Title: **SOFTWARE DEFINED RADIO DOWNLOAD**

(57) Abstract: A method for securely connecting a software defined radio (SDR) to a server through a network is presented. A request to download a radio configuration (R-CFG) file is sent from the SDR device to the server. A determination is made that the R-CFG file is configured to control a plurality of radio frequency parameters for the SDR device solely within levels permitted by a regulatory agency. The R-CFG is then downloaded to the SDR device.

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